FIG. 1

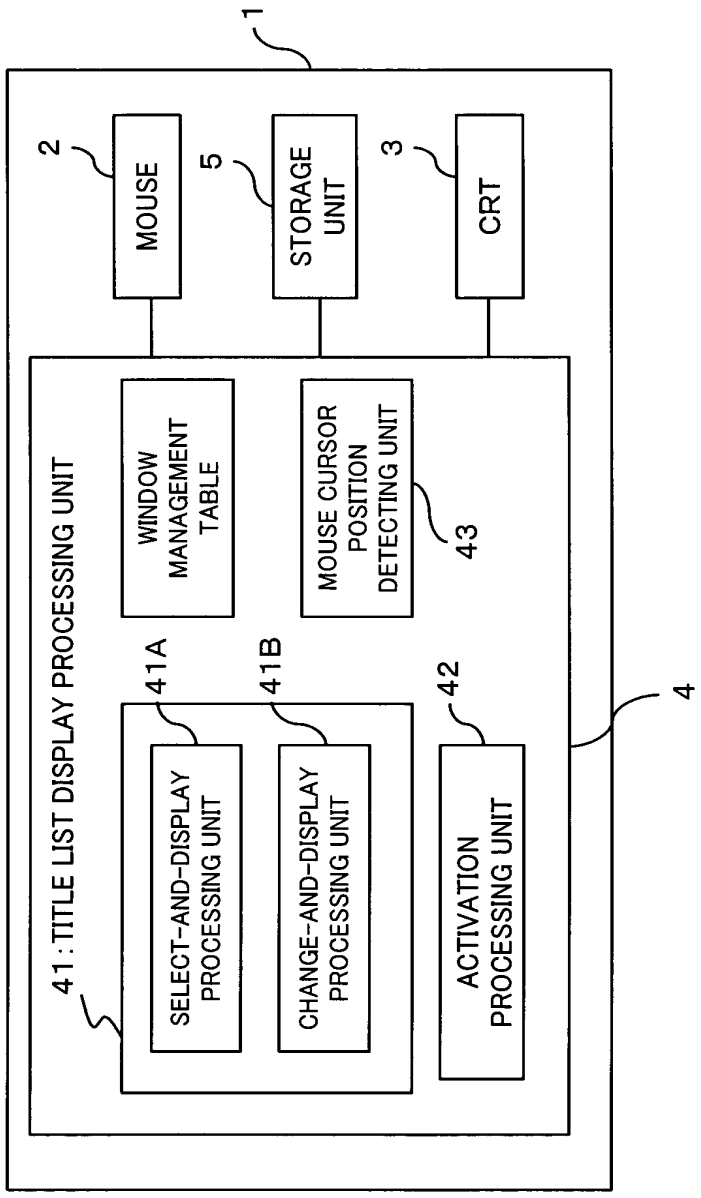

1
2
MOUSE
5
STORAGE UNIT
3
CRT
41 : TITLE LIST DISPLAY PROCESSING UNIT
WINDOW MANAGEMENT TABLE
MOUSE CURSOR POSITION DETECTING UNIT
43
41A
41B
42
SELECT-AND-DISPLAY PROCESSING UNIT
CHANGE-AND-DISPLAY PROCESSING UNIT
ACTIVATION PROCESSING UNIT
4

FIG. 2

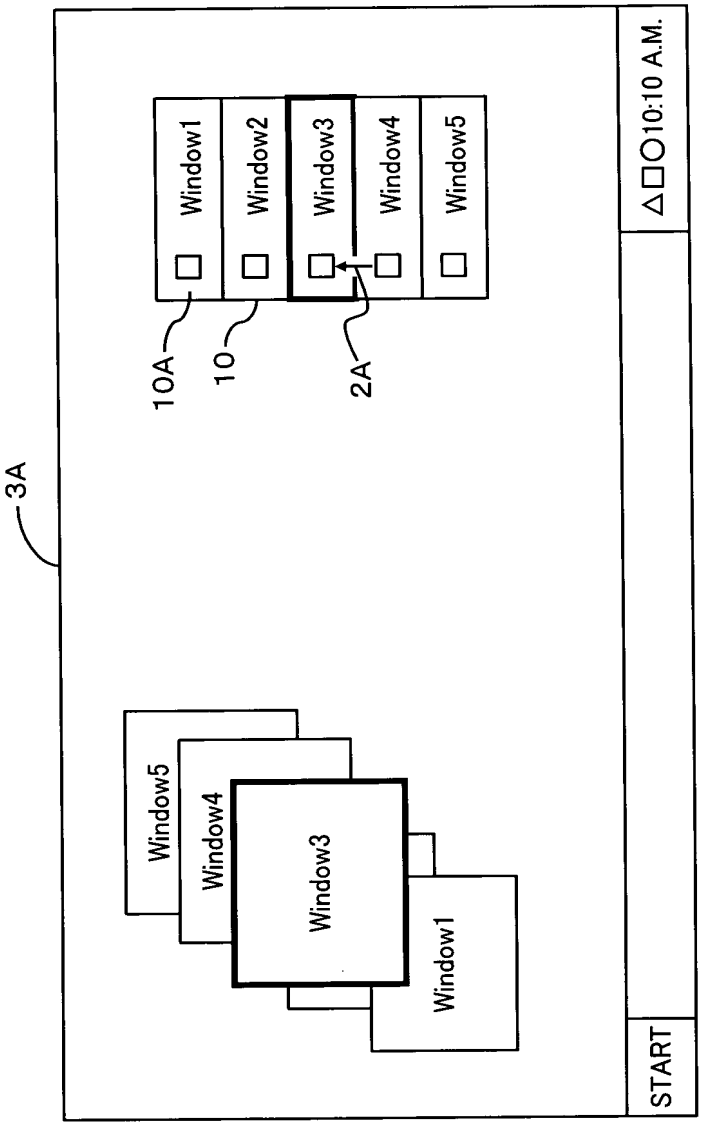

3A
Window1
Window2
Window3
Window4
Window5
10A
10
2A
△□○10:10 A.M.
START
Window5
Window4
Window3
Window1

FIG. 3

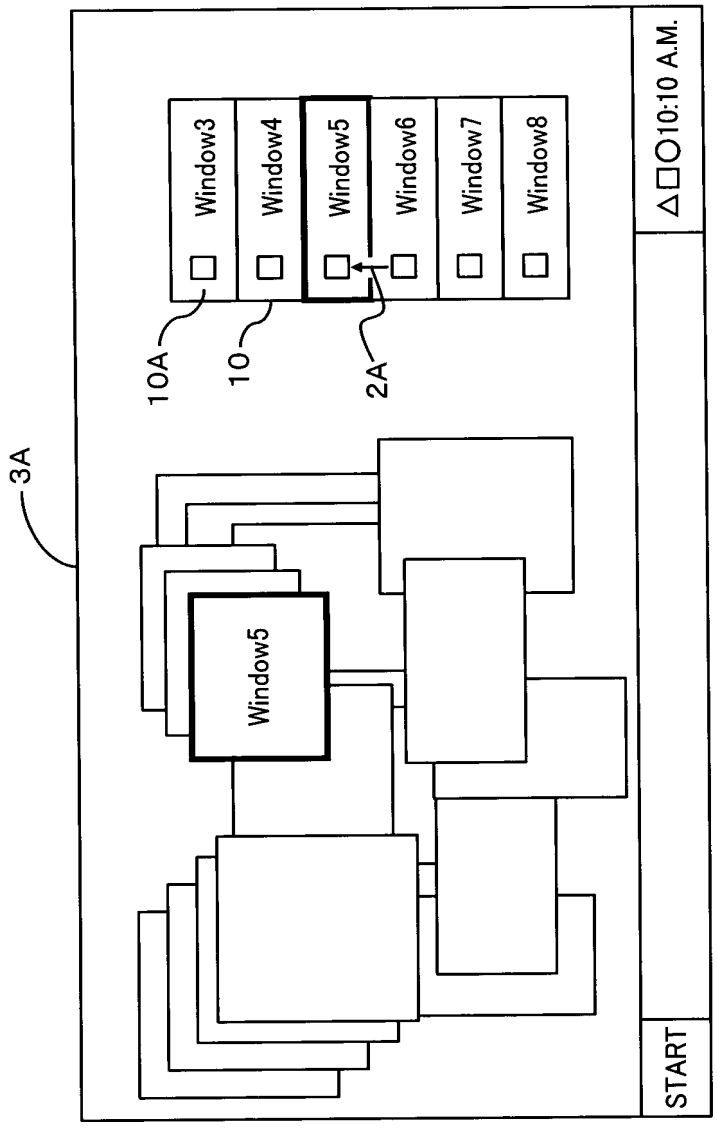

3A
Window3
Window4
Window5
Window6
Window7
Window8
10A
10
2A
△□○10:10 A.M.
START
Window5

FIG. 4(a)

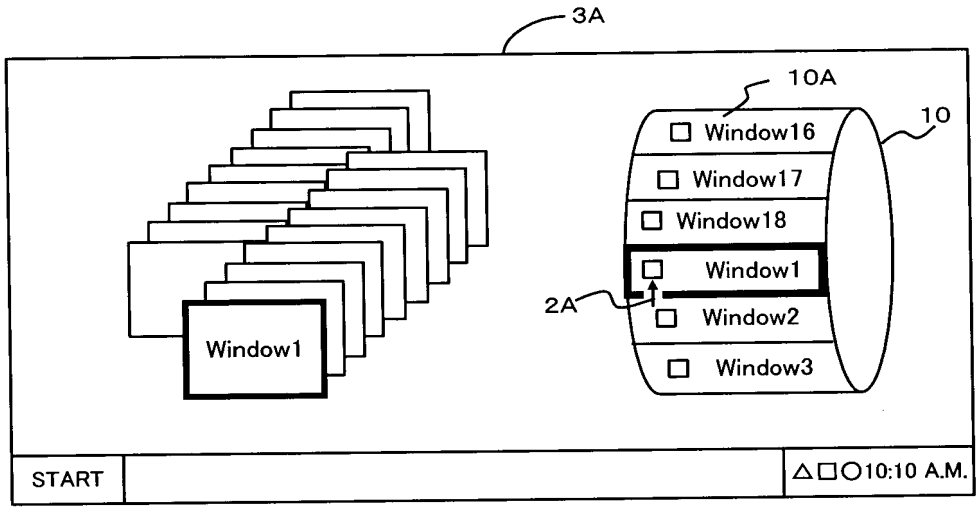

3A
10A
10
Window16
Window17
Window18
Window1
2A
Window2
Window3
Window1
START
△□○10:10 A.M.

FIG. 4(b)

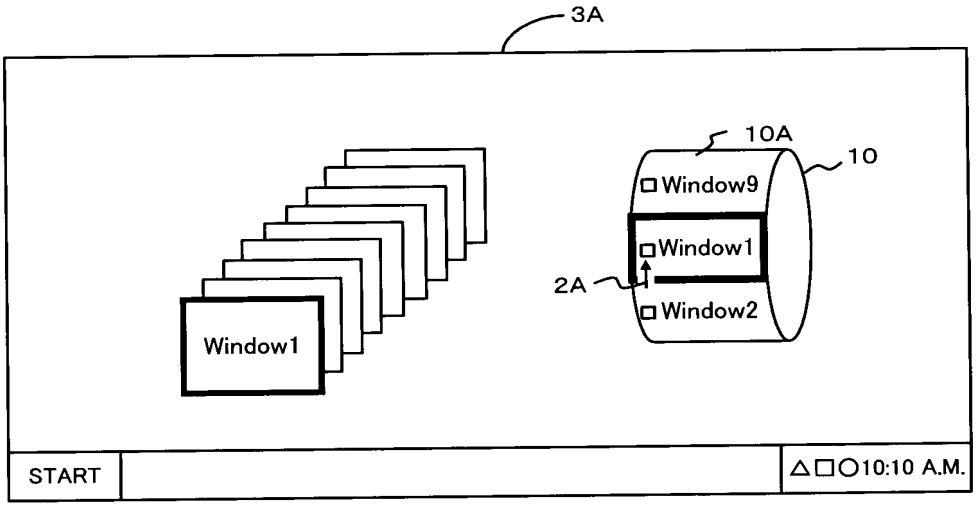

3A
10A
10
Window9
Window1
2A
Window2
Window1
START
△□○10:10 A.M.

FIG. 5

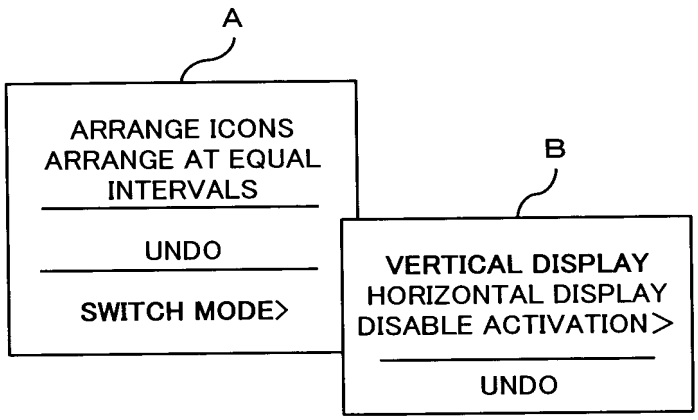

A
ARRANGE ICONS
ARRANGE AT EQUAL INTERVALS
UNDO
SWITCH MODE>
B
VERTICAL DISPLAY
HORIZONTAL DISPLAY
DISABLE ACTIVATION>
UNDO

FIG. 6

TITLE	POSITION OF TITLE DISPLAY COLUMN (STARTING COORDINATES AT TOP LEFT-HAND CORNER, ENDING COORDINATES AT BOTTOM RIGHT-HAND CORNER)	MEMORY ADDRESS OF SCREEN DATA OF WINDOW
Window1	(xn , ym) (xj , yj)	0x002000
Window2	(x2n , y2m) (x2j , y2j)	0x003000
Window3	(x3n , y3m) (x3j , y3j)	0x004000
⋮	⋮	⋮
Windown		

FIG. 7

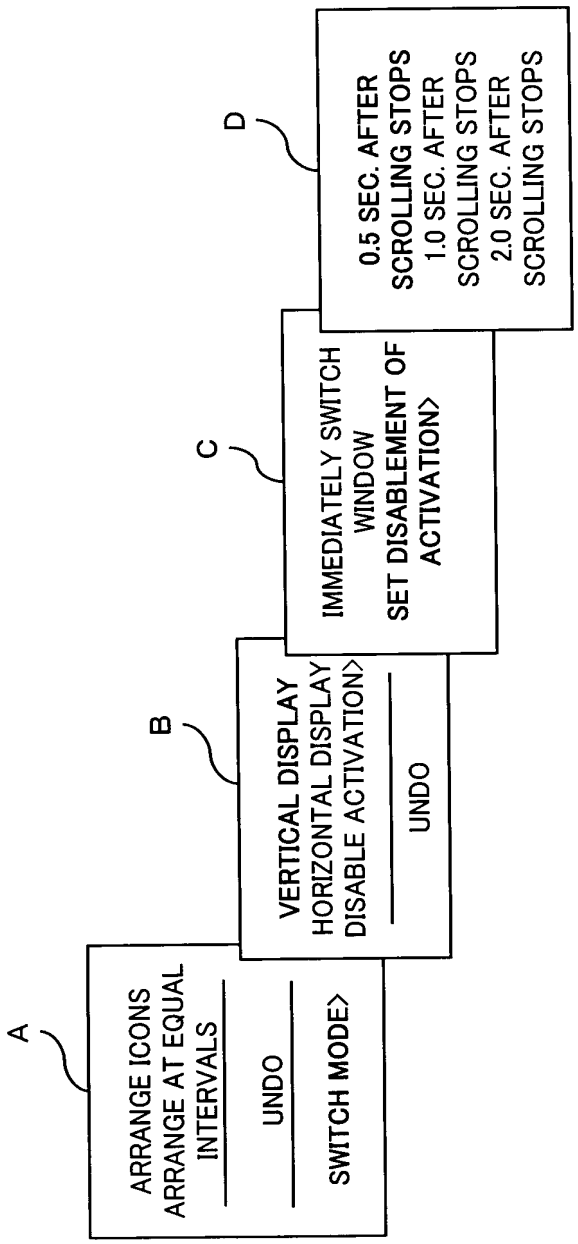

A
ARRANGE ICONS
ARRANGE AT EQUAL INTERVALS
UNDO
SWITCH MODE>
B
VERTICAL DISPLAY
HORIZONTAL DISPLAY
DISABLE ACTIVATION>
UNDO
C
IMMEDIATELY SWITCH WINDOW
SET DISABLEMENT OF ACTIVATION>
D
0.5 SEC. AFTER SCROLLING STOPS
1.0 SEC. AFTER SCROLLING STOPS
2.0 SEC. AFTER SCROLLING STOPS

FIG. 8

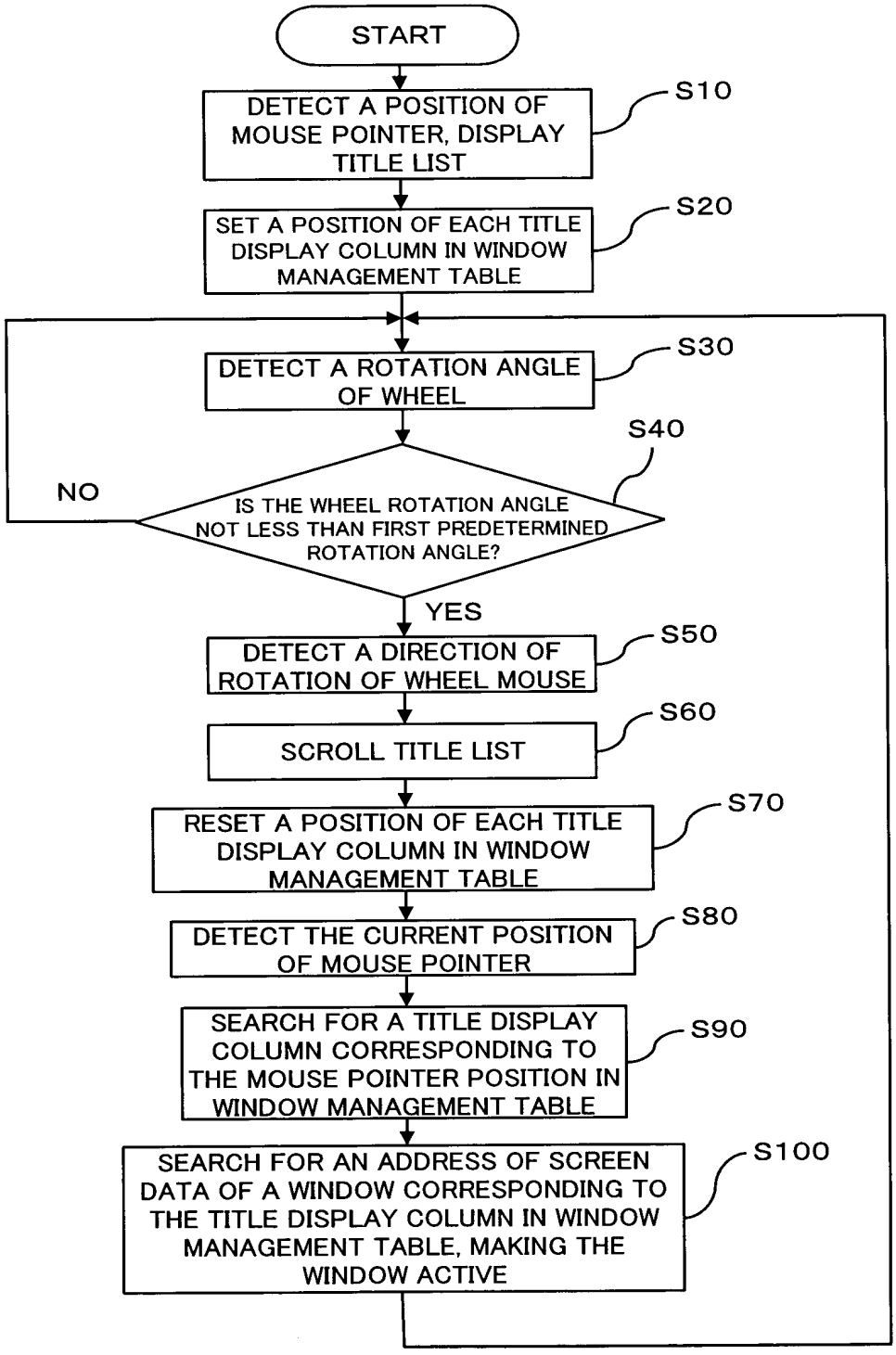

START
DETECT A POSITION OF MOUSE POINTER, DISPLAY TITLE LIST
S10
SET A POSITION OF EACH TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE
S20
DETECT A ROTATION ANGLE OF WHEEL
S30
S40
IS THE WHEEL ROTATION ANGLE NOT LESS THAN FIRST PREDETERMINED ROTATION ANGLE?
NO
YES
DETECT A DIRECTION OF ROTATION OF WHEEL MOUSE
S50
SCROLL TITLE LIST
S60
RESET A POSITION OF EACH TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE
S70
DETECT THE CURRENT POSITION OF MOUSE POINTER
S80
SEARCH FOR A TITLE DISPLAY COLUMN CORRESPONDING TO THE MOUSE POINTER POSITION IN WINDOW MANAGEMENT TABLE
S90
SEARCH FOR AN ADDRESS OF SCREEN DATA OF A WINDOW CORRESPONDING TO THE TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE, MAKING THE WINDOW ACTIVE
S100

FIG. 9

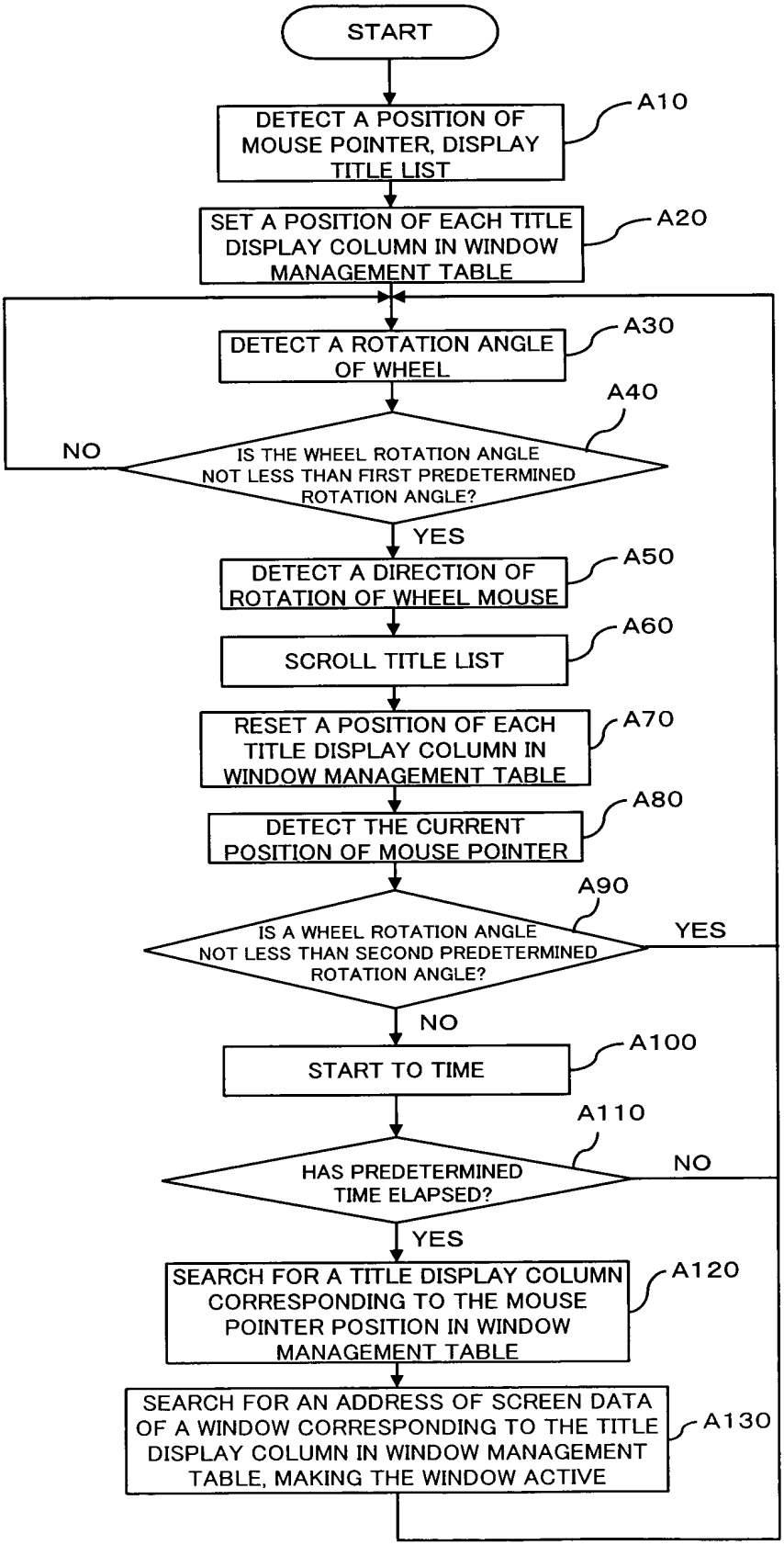
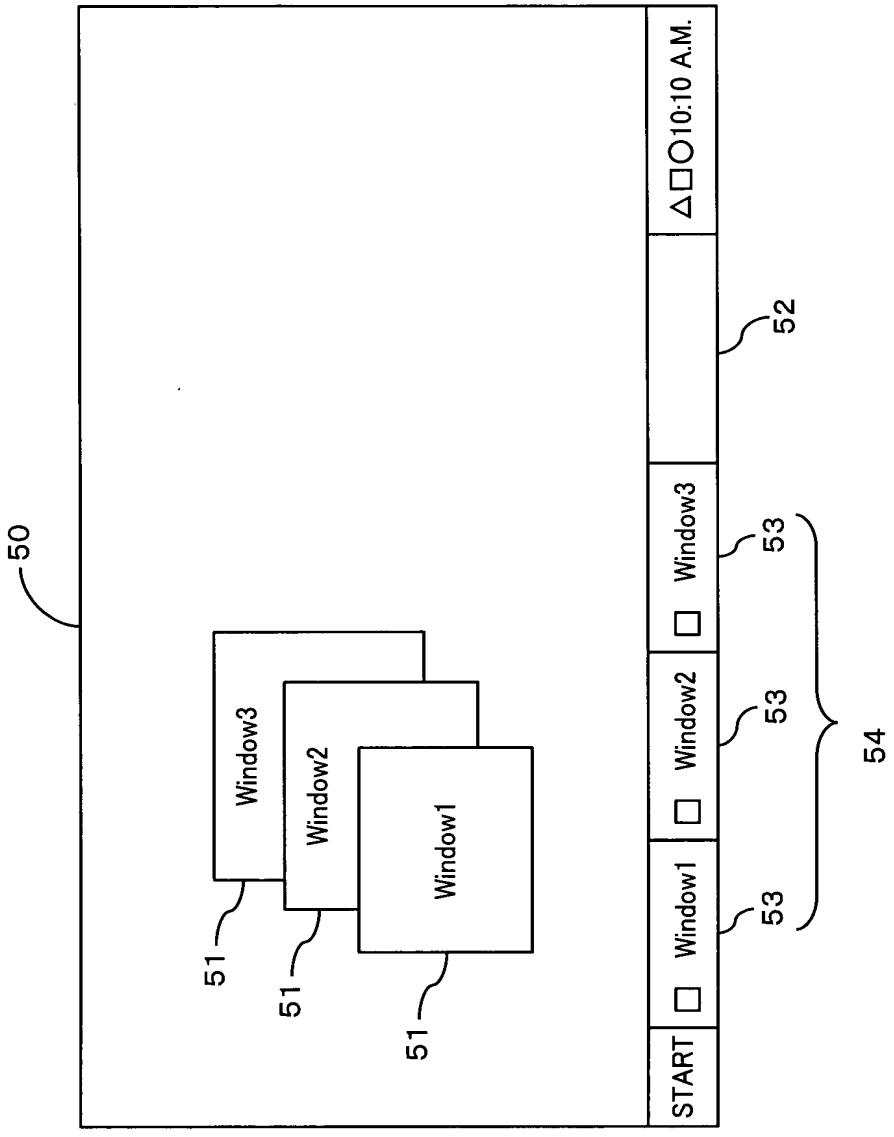

START
DETECT A POSITION OF MOUSE POINTER, DISPLAY TITLE LIST
A10
SET A POSITION OF EACH TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE
A20
DETECT A ROTATION ANGLE OF WHEEL
A30
IS THE WHEEL ROTATION ANGLE NOT LESS THAN FIRST PREDETERMINED ROTATION ANGLE?
A40
NO
YES
DETECT A DIRECTION OF ROTATION OF WHEEL MOUSE
A50
SCROLL TITLE LIST
A60
RESET A POSITION OF EACH TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE
A70
DETECT THE CURRENT POSITION OF MOUSE POINTER
A80
IS A WHEEL ROTATION ANGLE NOT LESS THAN SECOND PREDETERMINED ROTATION ANGLE?
A90
YES
NO
START TO TIME
A100
HAS PREDETERMINED TIME ELAPSED?
A110
NO
YES
SEARCH FOR A TITLE DISPLAY COLUMN CORRESPONDING TO THE MOUSE POINTER POSITION IN WINDOW MANAGEMENT TABLE
A120
SEARCH FOR AN ADDRESS OF SCREEN DATA OF A WINDOW CORRESPONDING TO THE TITLE DISPLAY COLUMN IN WINDOW MANAGEMENT TABLE, MAKING THE WINDOW ACTIVE
A130

FIG. 10


50
Window3
Window2
Window1
51
51
51
START
Window1
Window2
Window3
△□○10:10 A.M.
52
53
53
53
54

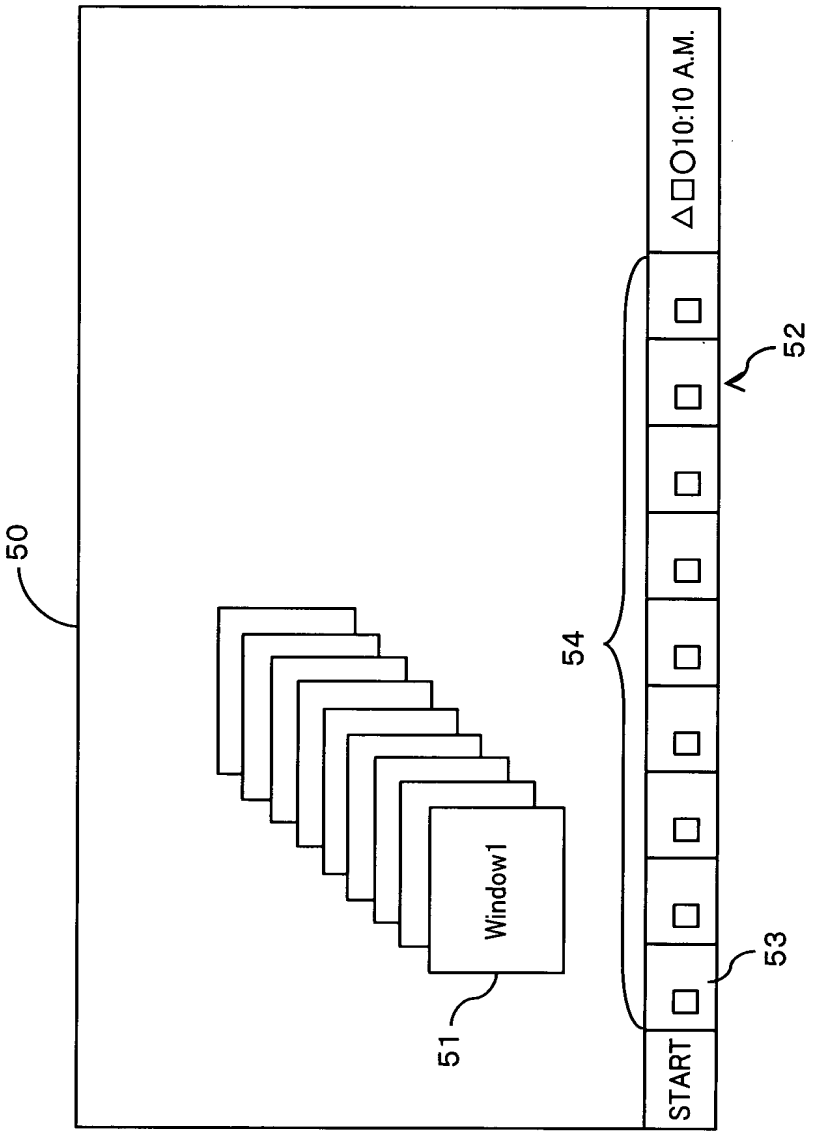



FIG. 11